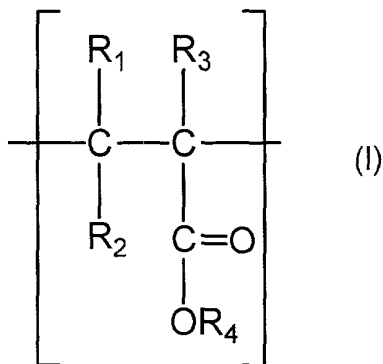


WHAT IS CLAIMED IS:

1. A composition comprising:

(a) at least one cationic homopolymer comprising repeating units of formula

(I):



wherein:

- R_1 , R_2 , and R_3 , which may be identical or different, are each chosen from H, alkyl groups, and alkenyl groups; and
- R_4 is chosen from groups comprising at least one quaternary amino group;

(b) at least one fatty alcohol;

(c) at least one alkoxyated fatty alcohol;

(d) at least one fatty amide; and

(e) at least one oxidizing agent.

2. The composition according to claim 1, wherein said composition is

physically stable.

3. The composition according to claim 1, wherein said alkyl groups of R_1 , R_2 and R_3 are chosen from linear C_1 to C_{20} alkyl groups, branched C_1 to C_{20} alkyl groups and cyclic C_1 to C_{20} alkyl groups, and further wherein said C_1 to C_{20} alkyl groups are optionally substituted.

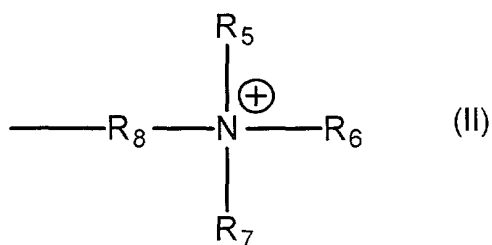
4. The composition according to claim 1, wherein said alkenyl groups of R_1 , R_2 and R_3 are chosen from linear C_1 to C_{20} alkenyl groups, branched C_1 to C_{20} alkenyl groups and cyclic C_1 to C_{20} alkenyl groups, and further wherein said C_1 to C_{20} alkenyl groups are optionally substituted.

5. The composition according to claim 1, wherein R_1 , R_2 , and R_3 are each H.

6. The composition according to claim 1, wherein R_1 is H, R_2 is H and R_3 is CH_3 .

7. The composition according to claim 1, wherein, in the definition of R_4 , said groups comprising at least one quaternary amino group are chosen from C_1 to C_{20} alkyl quaternary amino groups.

8. The composition according to claim 1, wherein, in the definition of R_4 , said groups comprising at least one quaternary amino group are chosen from compounds of formula (II):



wherein:

- R_5 , R_6 and R_7 , which may be identical or different, are each chosen from H, alkyl groups, and alkenyl groups; and
- R_8 is chosen from alkylene groups and alkenylene groups.

9. The composition according to claim 8, wherein said alkyl groups of R_5 , R_6 , and R_7 are chosen from linear C_1 to C_{20} alkyl groups, branched C_1 to C_{20} alkyl groups, and cyclic C_1 to C_{20} alkyl groups, and further wherein said C_1 to C_{20} alkyl groups are optionally substituted.

10. The composition according to claim 8, wherein said alkenyl groups of R_5 , R_6 , and R_7 are chosen from linear C_1 to C_{20} alkenyl groups, branched C_1 to C_{20} alkenyl groups, and cyclic C_1 to C_{20} alkenyl groups, and further wherein said C_1 to C_{20} alkenyl groups are optionally substituted.

11. The composition according to claim 8, wherein said alkylene groups of R_8 are chosen from linear C_1 to C_{20} alkylene groups, branched C_1 to C_{20} alkylene groups, and cyclic C_1 to C_{20} alkylene groups, and further wherein said C_1 to C_{20} alkylene groups are optionally substituted.

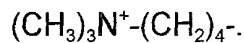
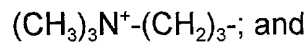
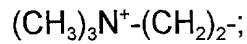
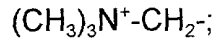
12. The composition according to claim 8, wherein said alkenylene groups of R_8 are chosen from linear C_1 to C_{20} alkenylene groups, branched C_1 to C_{20} alkenylene groups and cyclic C_1 to C_{20} alkenylene groups, and further wherein said C_1 to C_{20} alkenylene groups are optionally substituted.

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13. The composition according to claim 8, wherein said groups comprising at least one quaternary amino group are chosen from:



14. The composition according to claim 8, wherein R_5 is a methyl group, R_6 is a methyl group, R_7 is an alkyl group chosen from linear unsubstituted C_2 to C_{10} alkyl groups, and R_8 is an alkylene group chosen from linear unsubstituted C_2 to C_{10} alkylene groups.

15. The composition according to claim 8, wherein R_5 , R_6 , and R_7 are each a methyl group, and R_8 is an alkylene group chosen from linear C_2 to C_{10} alkenylene groups, branched C_2 to C_{10} alkenylene groups and cyclic C_2 to C_{10} alkenylene groups.

16. The composition according to claim 1, wherein said at least one cationic homopolymer is chosen from polyquaternium-37 homopolymers.

17. The composition according to claim 1, wherein said at least one fatty alcohol comprises at least 8 carbon atoms.

18. The composition according to claim 17, wherein said at least one fatty alcohol comprises at least 10 carbon atoms.

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19. The composition according to claim 18, wherein said at least one fatty alcohol comprises at least 12 carbon atoms.

20. The composition according to claim 1, wherein said at least one fatty alcohol is chosen from C₉-C₁₁ alcohols, C₁₂-C₁₃ alcohols, C₁₂-C₁₅ alcohols, C₁₂-C₁₆ alcohols, and C₁₄-C₁₅ alcohols.

21. The composition according to claim 1, wherein said at least one fatty alcohol is chosen from arachidyl alcohol, behenyl alcohol, caprylic alcohol, cetearyl alcohol, cetyl alcohol, coconut alcohol, decyl alcohol, hydrogenated tallow alcohol, jojoba alcohol, lauryl alcohol, myristyl alcohol, oleyl alcohol, palm alcohol, palm kernel alcohol, stearyl alcohol, tallow alcohol, and tridecyl alcohol.

22. The composition according to claim 1, wherein said at least one alkoxyated fatty alcohol is chosen from fatty alcohols comprising at least one polyethylene glycol ether.

23. The composition according to claim 1, wherein said at least one alkoxyated fatty alcohol comprises at least 8 carbon atoms.

24. The composition according to claim 23, wherein said at least one alkoxyated fatty alcohol comprises at least 10 carbon atoms.

25. The composition according to claim 24, wherein said at least one alkoxyated fatty alcohol comprises at least 12 carbon atoms.

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$$R(\text{OCH}_2\text{CH}_2)_n\text{OH}$$

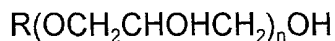
- R is chosen from linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted; and

27. The composition according to claim 26, wherein R is chosen from linear C₈ to C₂₂ alkyl groups, branched C₈ to C₂₂ alkyl groups, and cyclic C₈ to C₂₂ alkyl groups.

28. The composition according to claim 26, wherein R is chosen from linear C₈ to C₂₂ alkenyl groups, branched C₈ to C₂₂ alkenyl groups, and cyclic C₈ to C₂₂ alkenyl groups.

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and alkoxy esters of polyglyceryl of formula



wherein:

- R is chosen from linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted;
- R' is chosen from H; linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted; and
- n ranges from 1 to 30,

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with the proviso that at least one of said R' is chosen from linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted, and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted.

30. The composition according to claim 29, wherein R is chosen from linear C₈ to C₂₂ alkyl groups, branched C₈ to C₂₂ alkyl groups, and cyclic C₈ to C₂₂ alkyl groups.

31. The composition according to claim 29, wherein R is chosen from linear C₈ to C₂₂ alkenyl groups, branched C₈ to C₂₂ alkenyl groups, and cyclic C₈ to C₂₂ alkenyl groups.

32. The composition according to claim 1, wherein said at least one alkoxylated fatty alcohol is chosen from cetareth-2, cetareth-3, cetareth-4, cetareth-5, cetareth-6, cetareth-7, cetareth-8, cetareth-9, cetareth-10, cetareth-11, cetareth-12, cetareth-13, cetareth-14, cetareth-15, cetareth-16, cetareth-17, cetareth-18, cetareth-20, cetareth-22, cetareth-23, cetareth-24, cetareth-25, cetareth-27, cetareth-28, cetareth-29, cetareth-30, cetareth-33, cetareth-34, cetareth-40, cetareth-50, cetareth-55, cetareth-60, cetareth-80,

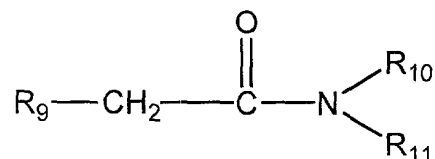
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cetareth-100, laureth-1, laureth-2, laureth-3, laureth-4, laureth-5, laureth-6, laureth-7, laureth-8, laureth-9, laureth-10, laureth-11, laureth-12, laureth-13, laureth-14, laureth-15, laureth-16, laureth-20, laureth-23, laureth-25, laureth-30, laureth-40, deceth-3, deceth-5, oleth-5, oleth-30, steareth-2, steareth-10, steareth-20, steareth-100, cetylsteareth-12, cetareth-5, cetareth-5, polyglyceryl 4-lauryl ether, polyglyceryl 4-oleyl ether, polyglyceryl 2-oleyl ether, polyglyceryl 2-cetyl ether, polyglyceryl 6-cetyl ether, polyglyceryl 6-oleylcetyl ether, polyglyceryl 6-octadecyl ether, C₉-C₁₁ pareth-3, C₉-C₁₁ pareth-6, C₁₁-C₁₅ pareth-3, C₁₁-C₁₅ pareth-5, C₁₁-C₁₅ pareth-12, C₁₁-C₁₅ pareth-20, C₁₂-C₁₅ pareth-9, C₁₂-C₁₅ pareth-12, and C₂₂-C₂₄ pareth-33.

33. The composition according to claim 1, wherein said at least one fatty amide is chosen from fatty amides of formula



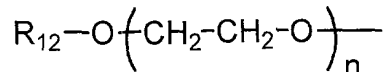
wherein:

- R₉ is chosen from linear alkyl groups comprising at least 4 carbon atoms, branched alkyl groups comprising at least 4 carbon atoms, and cyclic alkyl groups comprising at least 4 carbon atoms, wherein said alkyl groups are optionally substituted; linear alkenyl groups comprising at least 4 carbon atoms, branched

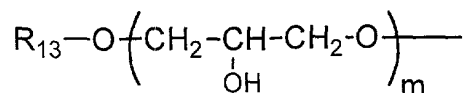
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alkenyl groups comprising at least 4 carbon atoms, and cyclic alkenyl groups comprising at least 4 carbon atoms, wherein said alkenyl groups are optionally substituted; and alkoxyated alkyl groups of formulae



and



wherein:

- R_{12} and R_{13} , which may be identical or different, are each chosen from linear alkyl groups comprising at least 4 carbon atoms, branched alkyl groups comprising at least 4 carbon atoms, and cyclic alkyl groups comprising at least 4 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 4 carbon atoms, branched alkenyl groups comprising at least 4 carbon atoms, and cyclic alkenyl groups comprising at least 4 carbon atoms, wherein said alkenyl groups are optionally substituted;
- n ranges from 1 to 10; and
- m ranges from 1 to 6; and

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- R_{10} and R_{11} , which may be identical or different, are each chosen from H; linear alkyl groups, branched alkyl groups and cyclic alkyl groups, wherein said alkyl groups are optionally substituted; and linear alkenyl groups, branched alkenyl groups and cyclic alkenyl groups, wherein said alkenyl groups are optionally substituted.

34. The composition according to claim 33, wherein R_9 is chosen from linear C_8 to C_{22} alkyl groups, branched C_8 to C_{22} alkyl groups and cyclic C_8 to C_{22} alkyl groups, wherein said C_8 to C_{22} alkyl groups are optionally substituted; and linear C_8 to C_{22} alkenyl groups, branched C_8 to C_{22} alkenyl groups and cyclic C_8 to C_{22} alkenyl groups, wherein said C_8 to C_{22} alkenyl groups are optionally substituted.

35. The composition according to claim 33, wherein R_{10} and R_{11} are each chosen from linear C_1 to C_{22} alkyl groups, branched C_1 to C_{22} alkyl groups and cyclic C_1 to C_{22} alkyl groups, wherein said C_1 to C_{22} alkyl groups are optionally substituted; and linear C_1 to C_{22} alkenyl groups, branched C_1 to C_{22} alkenyl groups and cyclic C_1 to C_{22} alkenyl groups, wherein said C_1 to C_{22} alkenyl groups are optionally substituted.

36. The composition according to claim 33, wherein at least one of said R_{10} and said R_{11} is chosen from linear C_1 to C_{22} alkyl groups, branched C_1 to C_{22} alkyl groups and cyclic C_1 to C_{22} alkyl groups; and linear C_1 to C_{22} alkenyl groups, branched C_1 to C_{22} alkenyl groups and cyclic C_1 to C_{22} alkenyl groups, wherein said

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alkyl groups and said alkenyl groups are substituted with at least one hydroxyl group.

37. The composition according to claim 33, wherein at least one of said R_{10} and said R_{11} is chosen from linear C_1 to C_{22} alkyl groups, branched C_1 to C_{22} alkyl groups and cyclic C_1 to C_{22} alkyl groups; and linear C_1 to C_{22} alkenyl groups, branched C_1 to C_{22} alkenyl groups and cyclic C_1 to C_{22} alkenyl groups, wherein said alkyl groups further comprise at least one ether group in the alkyl chain, and further wherein said alkenyl groups further comprise at least one ether group in the alkenyl chain.

38. The composition according to claim 1, wherein said at least one fatty amide is chosen from behenamide, cetyl-PG hydroxyethyl decanamide, cetyl-PG hydroxyethyl palmitamide, cocamide, dibutyl lauroyl glutamide, distearyl phthalic acid amide, lauramide, lauroyl methyl glucamide, myristoyl-PG hydroxyethyl decanamide, oleyl palmitamide, stearamide, tallow amide, trideceth-2 carboxamide monoethanolamine (trideceth-2 carboxamide MEA), trideceth-2 carboxamide diethanolamine (trideceth-2 carboxamide DEA), trideceth-2 carboxamide monoisopropanolamine (trideceth-2 carboxamide MIPA), and polyalkoxylated fatty amides.

39. The composition according to claim 38, wherein said polyalkoxylated

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fatty amides are chosen from polyethoxylated fatty amides and polyglycerylated fatty amides.

40. The composition according to claim 1, wherein said at least one cationic homopolymer is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

41. The composition according to claim 40, wherein said at least one cationic homopolymer is present in an amount ranging from 0.1% to 5% by weight relative to the total weight of the composition.

42. The composition according to claim 41, wherein said at least one cationic homopolymer is present in an amount ranging from 0.25% to 2.5% by weight relative to the total weight of the composition.

43. The composition according to claim 1, wherein said at least one fatty alcohol is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

44. The composition according to claim 43, wherein said at least one fatty alcohol is present in an amount ranging from 0.1% to 8% by weight relative to the total weight of the composition.

45. The composition according to claim 44, wherein said at least one fatty alcohol is present in an amount ranging from 0.2% to 4% by weight relative to the total weight of the composition.

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46. The composition according to claim 1, wherein said at least one alkoxyated fatty alcohol is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

47. The composition according to claim 46, wherein said at least one alkoxyated fatty alcohol is present in an amount ranging from 0.1% to 5% by weight relative to the total weight of the composition.

48. The composition according to claim 47, wherein said at least one alkoxyated fatty alcohol is present in an amount ranging from 0.2% to 2% by weight relative to the total weight of the composition.

49. The composition according to claim 1, wherein said at least one fatty amide is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

50. The composition according to claim 49, wherein said at least one fatty amide is present in an amount ranging from 0.1% to 8% by weight relative to the total weight of the composition.

51. The composition according to claim 50, wherein said at least one fatty amide is present in an amount ranging from 0.2% to 4% by weight relative to the total weight of the composition.

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52. The composition according to claim 1, wherein said at least one oxidizing agent is chosen from hydrogen peroxides, bromate salts, percarbonate salts, perborate salts and enzymes.

53. The composition according to claim 1, wherein said at least one oxidizing agent is present in an amount ranging from 0.1% to 20.0% by weight relative to the total weight of the composition.

54. The composition according to claim 53, wherein said at least one oxidizing agent is present in an amount ranging from 0.5% to 12% by weight relative to the total weight of the composition.

55. The composition according to claim 1, further comprising at least one adjuvant chosen from anionic surfactants; cationic surfactants; nonionic surfactants other than said at least one alkoxyated fatty alcohol, said at least one fatty alcohol, and said at least one fatty amide; amphoteric surfactants; anionic polymers; cationic polymers other than said at least one cationic homopolymer comprising repeating units of formula (I); nonionic polymers; amphoteric polymers other than said at least one cationic homopolymer comprising repeating units of formula (I); inorganic thickeners; organic thickeners; conditioners; chelating agents; antioxidants; stabilizing agents; propellants; sequestering agents; emollients; humectants; fragrances; acidifying agents; basifying agents; moisturizing agents; vitamins; essential fatty acids; proteins; protein derivatives; preservatives; and opacifiers.

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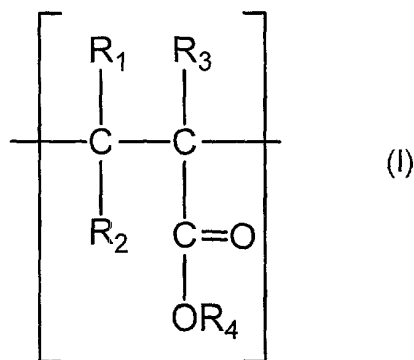
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56. The composition according to claim 1, wherein said composition is in a form chosen from an aqueous emulsion, a suspension, a dispersion, an aerosol foam, a cream, a lotion, a solution, a paste, a gel, a spray, and a hydroalcoholic lotion.

57. A method for providing physical stability to an oxidizing composition comprising:

including in said oxidizing composition:

(a) at least one cationic homopolymer comprising repeating units of formula (I):



wherein:

- R_1 , R_2 , and R_3 , which may be identical or different, are each chosen from H, alkyl groups, and alkenyl groups; and
- R_4 is chosen from groups comprising at least one quaternary amino group;

(b) at least one fatty alcohol;

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(c) at least one alkoxyated fatty alcohol; and

(d) at least one fatty amide;

wherein said at least one cationic homopolymer, said at least one fatty alcohol, said at least one alkoxyated fatty alcohol, and said at least one fatty amide are present in a combined amount effective to provide physical stability to said oxidizing composition.

58. The method according to claim 57, wherein said alkyl groups of R_1 , R_2 and R_3 are chosen from linear C_1 to C_{20} alkyl groups, branched C_1 to C_{20} alkyl groups, and cyclic C_1 to C_{20} alkyl groups, and further wherein said C_1 to C_{20} alkyl groups are optionally substituted.

59. The method according to claim 57, wherein said alkenyl groups of R_1 , R_2 and R_3 are chosen from linear C_1 to C_{20} alkenyl groups, branched C_1 to C_{20} alkenyl groups, and cyclic C_1 to C_{20} alkenyl groups, and further wherein said C_1 to C_{20} alkenyl groups are optionally substituted.

60. The method according to claim 57, wherein R_1 , R_2 , and R_3 are each H.

61. The method according to claim 57, wherein R_1 is H, R_2 is H and R_3 is CH_3 .

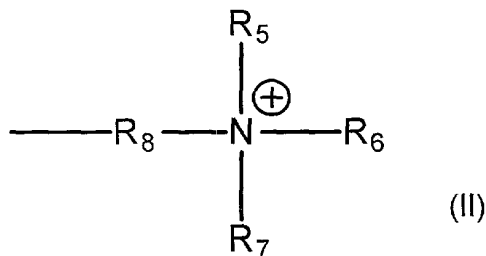
62. The method according to claim 57, wherein, in the definition of R_4 , said groups comprising at least one quaternary amino group are chosen from C_1 to C_{20} alkyl quaternary amino groups.

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63. The method according to claim 57, wherein, in the definition of R_4 , said groups comprising at least one quaternary amino group are chosen from compounds of formula (II):



wherein:

- R_5 , R_6 and R_7 , which may be identical or different, are each chosen from H, alkyl groups, and alkenyl groups; and
- R_8 is chosen from alkylene groups and alkenylene groups.

64. The method according to claim 63, wherein said alkyl groups of R_5 , R_6 , and R_7 are chosen from linear C_1 to C_{20} alkyl groups, branched C_1 to C_{20} alkyl groups, and cyclic C_1 to C_{20} alkyl groups, and further wherein said C_1 to C_{20} alkyl groups are optionally substituted.

65. The method according to claim 63, wherein said alkenyl groups of R_5 , R_6 , and R_7 are chosen from linear C_1 to C_{20} alkenyl chains, branched C_1 to C_{20}

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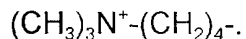
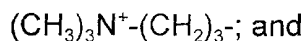
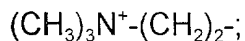
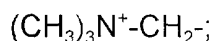
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alkenyl chains, and cyclic C₁ to C₂₀ alkenyl chains, and further wherein said C₁ to C₂₀ alkenyl groups are optionally substituted.

66. The method according to claim 63, wherein said alkylene groups of R₈ are chosen from linear C₁ to C₂₀ alkylene groups, branched C₁ to C₂₀ alkylene groups, and cyclic C₁ to C₂₀ alkylene groups, and further wherein said C₁ to C₂₀ alkylene groups are optionally substituted.

67. The method according to claim 63, wherein said alkenylene groups of R₈ are chosen from linear C₁ to C₂₀ alkenyl chains, branched C₁ to C₂₀ alkenyl chains, and cyclic C₁ to C₂₀ alkenyl chains, and further wherein said C₁ to C₂₀ alkenyl groups are optionally substituted.

68. The method according to claim 63, wherein said groups comprising at least one quaternary amino group are chosen from:



69. The method according to claim 63, wherein R₅ is a methyl group, R₆ is a methyl group, R₇ is an alkyl group chosen from linear unsubstituted C₂ to C₁₀ alkyl groups, and R₈ is an alkylene group chosen from linear unsubstituted C₂ to C₁₀ alkylene groups.

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70. The method according to claim 63, wherein R_5 , R_6 , and R_7 are each a methyl group, and R_8 is an alkylene group chosen from C_2 to C_{10} alkylene groups.

71. The method according to claim 57, wherein said at least one cationic homopolymer is chosen from polyquaternium-37 homopolymers.

72. The method according to claim 57, wherein said at least one fatty alcohol comprises at least 8 carbon atoms.

73. The method according to claim 72, wherein said at least one fatty alcohol comprises at least 10 carbon atoms.

74. The method according to claim 73, wherein said at least one fatty alcohol comprises at least 12 carbon atoms.

75. The method according to claim 57, wherein said at least one fatty alcohol is chosen from C_9 - C_{11} alcohols, C_{12} - C_{13} alcohols, C_{12} - C_{15} alcohols, C_{12} - C_{16} alcohols, and C_{14} - C_{15} alcohols.

76. The method according to claim 57, wherein said at least one fatty alcohol is chosen from arachidyl alcohol, behenyl alcohol, caprylic alcohol, cetearyl alcohol, cetyl alcohol, coconut alcohol, decyl alcohol, hydrogenated tallow alcohol, jojoba alcohol, lauryl alcohol, myristyl alcohol, oleyl alcohol, palm alcohol, palm kernel alcohol, stearyl alcohol, tallow alcohol, and tridecyl alcohol.

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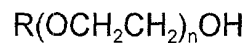
77. The method according to claim 57, wherein said at least one alkoxyated fatty alcohol is chosen from fatty alcohols comprising at least one polyethylene glycol ether.

78. The method according to claim 57, wherein said at least one alkoxyated fatty alcohol comprises at least 8 carbon atoms.

79. The method according to claim 78, wherein said at least one alkoxyated fatty alcohol comprises at least 10 carbon atoms.

80. The method according to claim 79, wherein said at least one alkoxyated fatty alcohol comprises at least 12 carbon atoms.

81. The method according to claim 57, wherein said at least one alkoxyated fatty alcohol is chosen from ethoxyated fatty alcohols of formula



wherein:

- R is chosen from linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted; and

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- n ranges from 2 to 100 .

82. The method according to claim 81, wherein R is chosen from linear C₈ to C₂₂ alkyl groups, branched C₈ to C₂₂ alkyl groups, and cyclic C₈ to C₂₂ alkyl groups.

83. The method according to claim 81, wherein R is chosen from linear C₈ to C₂₂ alkenyl groups, branched C₈ to C₂₂ alkenyl groups, and cyclic C₈ to C₂₂ alkenyl groups.

84. The method according to claim 57, wherein said at least one alkoxylated fatty alcohol is chosen from alkoxy esters of polyglyceryl of formula



and alkoxy esters of polyglyceryl of formula



- R is chosen from linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted;

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- R' is chosen from H; linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted; and

- n ranges from 1 to 30,

with the proviso that at least one of said R' is chosen from linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted.

85. The method according to claim 84, wherein R is chosen from linear C₈ to C₂₂ alkyl groups, branched C₈ to C₂₂ alkyl groups, and cyclic C₈ to C₂₂ alkyl groups.

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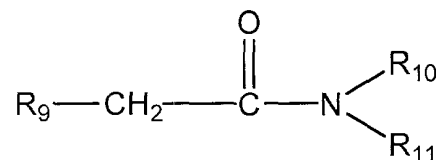
86. The composition according to claim 84, wherein R is chosen from linear C₈ to C₂₂ alkenyl groups, branched C₈ to C₂₂ alkenyl groups, and cyclic C₈ to C₂₂ alkenyl groups.

87. The method according to claim 57, wherein said at least one alkoxyated fatty alcohol is chosen from cetareth-2, cetareth-3, cetareth-4, cetareth-5, cetareth-6, cetareth-7, cetareth-8, cetareth-9, cetareth-10, cetareth-11, cetareth-12, cetareth-13, cetareth-14, cetareth-15, cetareth-16, cetareth-17, cetareth-18, cetareth-20, cetareth-22, cetareth-23, cetareth-24, cetareth-25, cetareth-27, cetareth-28, cetareth-29, cetareth-30, cetareth-33, cetareth-34, cetareth-40, cetareth-50, cetareth-55, cetareth-60, cetareth-80, cetareth-100, laureth-1, laureth-2, laureth-3, laureth-4, laureth-5, laureth-6, laureth-7, laureth-8, laureth-9, laureth-10, laureth-11, laureth-12, laureth-13, laureth-14, laureth-15, laureth-16, laureth-20, laureth-23, laureth-25, laureth-30, laureth-40, deceth-3, deceth-5, oleth-5, oleth-30, steareth-2, steareth-10, steareth-20, steareth-100, cetylsteareth-12, cetareth-5, cetareth-5, polyglyceryl 4-lauryl ether, polyglyceryl 4-oleyl ether, polyglyceryl 2-oleyl ether, polyglyceryl 2-cetyl ether, polyglyceryl 6-cetyl ether, polyglyceryl 6-oleylcetyl ether, polyglyceryl 6-octadecyl ether, C₉-C₁₁ pareth-3, C₉-C₁₁ pareth-6, C₁₁-C₁₅ pareth-3, C₁₁-C₁₅ pareth-5, C₁₁-C₁₅ pareth-12, C₁₁-C₁₅ pareth-20, C₁₂-C₁₅ pareth-9, C₁₂-C₁₅ pareth-12, and C₂₂-C₂₄ pareth-33.

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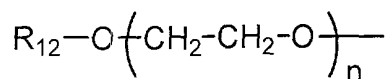
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88. The method according to claim 57, wherein said at least one fatty amide is chosen from fatty amides of formula

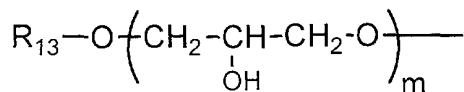


wherein:

- R₉ is chosen from linear alkyl groups comprising at least 4 carbon atoms, branched alkyl groups comprising at least 4 carbon atoms, and cyclic alkyl groups comprising at least 4 carbon atoms, wherein said alkyl groups are optionally substituted; linear alkenyl groups comprising at least 4 carbon atoms, branched alkenyl groups comprising at least 4 carbon atoms, and cyclic alkenyl groups comprising at least 4 carbon atoms, wherein said alkenyl groups are optionally substituted; and alkoxyated alkyl groups of formulae



and



wherein:

- R_{12} and R_{13} , which may be identical or different, are each chosen from linear alkyl groups comprising at least 4 carbon atoms, branched alkyl groups comprising at least 4 carbon atoms, and cyclic alkyl groups comprising at least 4 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 4 carbon atoms, branched alkenyl groups comprising at least 4 carbon atoms, and cyclic alkenyl groups comprising at least 4 carbon atoms, wherein said alkenyl groups are optionally substituted;

- n ranges from 1 to 10; and

- m ranges from 1 to 6; and

- R_{10} and R_{11} , which may be identical or different, are each chosen from H; linear alkyl groups, branched alkyl groups and cyclic alkyl groups, wherein said alkyl groups are optionally substituted; and linear alkenyl groups, branched alkenyl groups and cyclic alkenyl groups, wherein said alkenyl groups are optionally substituted.

89. The method according to claim 88, wherein R_9 is chosen from linear C_8 to C_{22} alkyl groups, branched C_8 to C_{22} alkyl groups and cyclic C_8 to C_{22} alkyl groups, wherein said C_8 to C_{22} alkyl groups are optionally substituted; and linear C_8 to C_{22} alkenyl groups, branched C_8 to C_{22} alkenyl groups and cyclic C_8 to C_{22} alkenyl groups, wherein said C_8 to C_{22} alkenyl groups are optionally substituted.

90. The method according to claim 88, wherein R_{10} and R_{11} are each chosen from linear C_1 to C_{22} alkyl groups, branched C_1 to C_{22} alkyl groups and cyclic C_1 to C_{22} alkyl groups, wherein said C_1 to C_{22} alkyl groups are optionally substituted; and linear C_1 to C_{22} alkenyl groups, branched C_1 to C_{22} alkenyl groups and cyclic C_1 to C_{22} alkenyl groups, wherein said C_1 to C_{22} alkenyl groups are optionally substituted.

91. The method according to claim 88, wherein at least one of said R_{10} and said R_{11} is chosen from linear C_1 to C_{22} alkyl groups, branched C_1 to C_{22} alkyl groups and cyclic C_1 to C_{22} alkyl groups; and linear C_1 to C_{22} alkenyl groups, branched C_1 to C_{22} alkenyl groups and cyclic C_1 to C_{22} alkenyl groups, wherein said alkyl groups and said alkenyl groups are substituted with at least one hydroxyl group.

92. The method according to claim 88, wherein at least one of said R_{10} and said R_{11} is chosen from linear C_1 to C_{22} alkyl groups, branched C_1 to C_{22} alkyl groups and cyclic C_1 to C_{22} alkyl groups; and linear C_1 to C_{22} alkenyl groups, branched C_1 to C_{22} alkenyl groups and cyclic C_1 to C_{22} alkenyl groups, wherein said alkyl groups further comprise at least one ether group in the alkyl chain, and further wherein said alkenyl groups further comprise at least one ether group in the alkenyl chain.

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93. The method according to claim 57, wherein said at least one fatty amide is chosen from behenamide, cetyl-PG hydroxyethyl decanamide, cetyl-PG hydroxyethyl palmitamide, cocamide, dibutyl lauroyl glutamide, distearyl phthalic acid amide, lauramide, lauroyl methyl glucamide, myristoyl-PG hydroxyethyl decanamide, oleyl palmitamide, stearamide, tallow amide, trideceth-2 carboxamide monoethanolamine (trideceth-2 carboxamide MEA), trideceth-2 carboxamide diethanolamine (trideceth-2 carboxamide DEA), trideceth-2 carboxamide monoisopropanolamine (trideceth-2 carboxamide MIPA), and polyalkoxylated fatty amides.

94. The method according to claim 93, wherein said polyalkoxylated fatty amides are chosen from polyethoxylated fatty amides and polyglycerylated fatty amides.

95. The method according to claim 57, wherein said at least one cationic homopolymer is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

96. The method according to claim 95, wherein said at least one cationic homopolymer is present in an amount ranging from 0.1% to 5% by weight relative to the total weight of the composition.

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97. The method according to claim 96, wherein said at least one cationic homopolymer is present in an amount ranging from 0.25% to 2.5% by weight relative to the total weight of the composition.

98. The method according to claim 57, wherein said at least one fatty alcohol is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

99. The method according to claim 98, wherein said at least one fatty alcohol is present in an amount ranging from 0.1% to 8% by weight relative to the total weight of the composition.

100. The method according to claim 99, wherein said at least one fatty alcohol is present in an amount ranging from 0.2% to 4% by weight relative to the total weight of the composition.

101. The method according to claim 57, wherein said at least one alkoxyated fatty alcohol is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

102. The method according to claim 101, wherein said at least one alkoxyated fatty alcohol is present in an amount ranging from 0.1% to 5% by weight relative to the total weight of the composition.

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103. The method according to claim 102, wherein said at least one alkoxylated fatty alcohol is present in an amount ranging from 0.2% to 2% by weight relative to the total weight of the composition.

104. The method according to claim 57, wherein said at least one fatty amide is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

105. The method according to claim 104, wherein said at least one fatty amide is present in an amount ranging from 0.1% to 8% by weight relative to the total weight of the composition.

106. The method according to claim 105, wherein said at least one fatty amide is present in an amount ranging from 0.2% to 4% by weight relative to the total weight of the composition.

107. The method according to claim 57, wherein said at least one oxidizing agent is chosen from hydrogen peroxides, bromate salts, percarbonate salts, perborate salts and enzymes.

108. The method according to claim 57, wherein said at least one oxidizing agent is present in an amount ranging from 0.1% to 20.0% by weight relative to the total weight of the composition.

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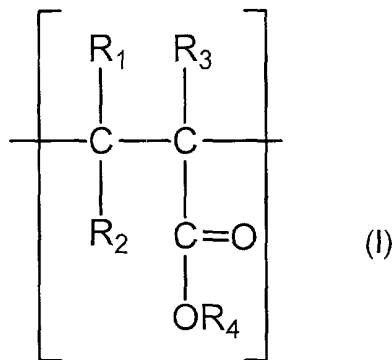
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109. The method according to claim 107, wherein said at least one oxidizing agent is present in an amount ranging from 0.5% to 12.0% by weight relative to the total weight of the composition.

110. A method for treating keratinous fibers comprising applying to said keratinous fibers at least one treatment composition comprising an oxidizing composition, wherein said oxidizing composition comprises:

(a) at least one cationic homopolymer comprising repeating units of formula

(I):



wherein:

- R_1 , R_2 , and R_3 , which may be identical or different, are each chosen from H, alkyl groups, and alkenyl groups; and
- R_4 is chosen from groups comprising at least one quaternary amino group;

(b) at least one fatty alcohol;

(c) at least one alkoxyated fatty alcohol; and

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(d) at least one fatty amide.

111. The method according to claim 110, wherein said at least one treatment composition is chosen from a dyeing composition, a bleaching composition, a permanent waving composition, and a relaxing composition.

112. The method according to claim 110, wherein said at least one cationic homopolymer, said at least one fatty alcohol, said at least one alkoxyated fatty alcohol, and said at least one fatty amide are present in a combined amount effective to provide physical stability to said oxidizing composition.

113. The method according to claim 110, wherein said alkyl groups of R_1 , R_2 and R_3 are chosen from linear C_1 to C_{20} alkyl groups, branched C_1 to C_{20} alkyl groups, and cyclic C_1 to C_{20} alkyl groups, and further wherein said C_1 to C_{20} alkyl groups are optionally substituted.

114. The method according to claim 110, wherein said alkenyl groups of R_1 , R_2 and R_3 are chosen from linear C_1 to C_{20} alkenyl groups, branched C_1 to C_{20} alkenyl groups and cyclic C_1 to C_{20} alkenyl groups, and further wherein said C_1 to C_{20} alkenyl groups are optionally substituted.

115. The method according to claim 110, wherein R_1 , R_2 , and R_3 are each H.

116. The method according to claim 110, wherein R_1 is H, R_2 is H, and R_3 is CH_3 .

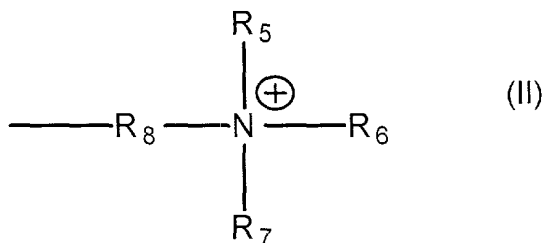
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117. The method according to claim 110, wherein, in the definition of R_4 , said groups comprising at least one quaternary amino group are chosen from C_1 to C_{20} alkyl quaternary amino groups.

118. The method according to claim 110, wherein in the definition of R_4 , said groups comprising at least one quaternary amino group are chosen from compounds of formula (II):



wherein:

- R_5 , R_6 and R_7 , which may be identical or different, are each chosen from H, alkyl groups, and alkenyl groups; and
- R_8 is chosen from alkylene groups and alkenylene groups.

119. The method according to claim 118, wherein said alkyl groups of R_5 , R_6 , and R_7 are chosen from linear C_1 to C_{20} alkyl groups, branched C_1 to C_{20} alkyl groups and cyclic C_1 to C_{20} alkyl groups, and further wherein said C_1 to C_{20} alkyl groups are optionally substituted.

120. The method according to claim 119, wherein said alkenyl groups of R_5 , R_6 , and R_7 are chosen from linear C_1 to C_{20} alkenyl chains, branched C_1 to C_{20}

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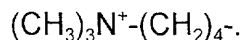
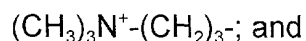
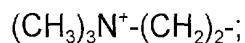
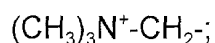
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alkenyl chains and cyclic C₁ to C₂₀ alkenyl chains, and further wherein said C₁ to C₂₀ alkenyl groups are optionally substituted.

121. The method according to claim 119, wherein said alkylene groups of R₈ are chosen from linear C₁ to C₂₀ alkylene groups, branched C₁ to C₂₀ alkylene groups and cyclic C₁ to C₂₀ alkylene groups, and further wherein said C₁ to C₂₀ alkylene groups are optionally substituted.

122. The method according to claim 119, wherein said alkenylene groups of R₈ are chosen from linear C₁ to C₂₀ alkenylene chains, branched C₁ to C₂₀ alkenylene chains and cyclic C₁ to C₂₀ alkenylene chains, and further wherein said C₁ to C₂₀ alkenylene groups are optionally substituted.

123. The method according to claim 119, wherein said groups comprising at least one quaternary amino group are chosen from:



124. The method according to claim 119, wherein R₅ is a methyl group, R₆ is a methyl group, R₇ is an alkyl group chosen from linear unsubstituted C₂ to C₁₀ alkyl groups, and R₈ is an alkylene group chosen from linear unsubstituted C₂ to C₁₀ alkylene groups.

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125. The method according to claim 119, wherein R_5 , R_6 , and R_7 are each a methyl group, and R_8 is an alkylene group chosen from linear C_2 to C_{10} alkylene groups, branched C_2 to C_{10} alkylene groups, and cyclic C_2 to C_{10} alkylene groups.

126. The method according to claim 110, wherein said at least one cationic homopolymer is chosen from polyquaternium-37 homopolymers.

127. The method according to claim 110, wherein said at least one fatty alcohol comprises at least 8 carbon atoms.

128. The method according to claim 127, wherein said at least one fatty alcohol comprises at least 10 carbon atoms.

129. The method according to claim 128, wherein said at least one fatty alcohol comprises at least 12 carbon atoms.

130. The method according to claim 110, wherein said at least one fatty alcohol is chosen from C_9 - C_{11} alcohols, C_{12} - C_{13} alcohols, C_{12} - C_{15} alcohols, C_{12} - C_{16} alcohols, and C_{14} - C_{15} alcohols.

131. The method according to claim 110, wherein said at least one fatty alcohol is chosen from arachidyl alcohol, behenyl alcohol, caprylic alcohol, cetearyl alcohol, cetyl alcohol, coconut alcohol, decyl alcohol, hydrogenated tallow alcohol, jojoba alcohol, lauryl alcohol, myristyl alcohol, oleyl alcohol, palm alcohol, palm kernel alcohol, stearyl alcohol, tallow alcohol, and tridecyl alcohol.

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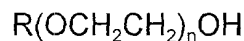
132. The method according to claim 110, wherein said at least one alkoxyated fatty alcohol is chosen from fatty alcohols comprising at least one polyethylene glycol ether.

133. The method according to claim 110, wherein said at least one alkoxyated fatty alcohol comprises at least 8 carbon atoms.

134. The method according to claim 133, wherein said at least one alkoxyated fatty alcohol comprises at least 10 carbon atoms.

135. The method according to claim 134, wherein said at least one alkoxyated fatty alcohol comprises at least 12 carbon atoms.

136. The method according to claim 110, wherein said at least one alkoxyated fatty alcohol is chosen from ethoxyated fatty alcohols of formula



wherein:

- R is chosen from linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted; and

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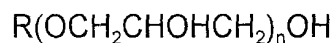
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- n ranges from 2 to 100 .

137. The method according to claim 136, wherein R is chosen from linear C₈ to C₂₂ alkyl groups, branched C₈ to C₂₂ alkyl groups, and cyclic C₈ to C₂₂ alkyl groups.

138. The method according to claim 136, wherein R is chosen from linear C₈ to C₂₂ alkenyl groups, branched C₈ to C₂₂ alkenyl groups, and cyclic C₈ to C₂₂ alkenyl groups.

139. The method according to claim 110, wherein said at least one alkoxylated fatty alcohol is chosen from alkoxy esters of polyglyceryl of the formula



and alkoxy esters of polyglyceryl of the formula



wherein:

- R is chosen from linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups

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comprising at least 5 carbon atoms, wherein said alkenyl groups optionally substituted;

- R' is chosen from H; linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups optionally substituted; and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted; and

- n ranges from 1 to 30,

with the proviso that at least one of said R' is chosen from linear alkyl groups comprising at least 5 carbon atoms, branched alkyl groups comprising at least 5 carbon atoms, and cyclic alkyl groups comprising at least 5 carbon atoms, wherein said alkyl groups are optionally substituted, and linear alkenyl groups comprising at least 5 carbon atoms, branched alkenyl groups comprising at least 5 carbon atoms, and cyclic alkenyl groups comprising at least 5 carbon atoms, wherein said alkenyl groups are optionally substituted.

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140. The method according to claim 139, wherein R is chosen from linear C₈ to C₂₂ alkyl groups, branched C₈ to C₂₂ alkyl groups, and cyclic C₈ to C₂₂ alkyl groups.

141. The composition according to claim 139, wherein R is chosen from linear C₈ to C₂₂ alkenyl groups, branched C₈ to C₂₂ alkenyl groups, and cyclic C₈ to C₂₂ alkenyl groups.

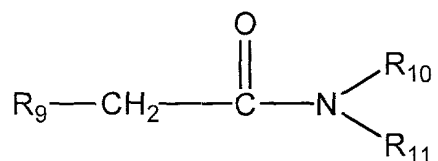
142. The method according to claim 110, wherein said at least one alkoxyated fatty alcohol is chosen from cetareth-2, cetareth-3, cetareth-4, cetareth-5, cetareth-6, cetareth-7, cetareth-8, cetareth-9, cetareth-10, cetareth-11, cetareth-12, cetareth-13, cetareth-14, cetareth-15, cetareth-16, cetareth-17, cetareth-18, cetareth-20, cetareth-22, cetareth-23, cetareth-24, cetareth-25, cetareth-27, cetareth-28, cetareth-29, cetareth-30, cetareth-33, cetareth-34, cetareth-40, cetareth-50, cetareth-55, cetareth-60, cetareth-80, cetareth-100, laureth-1, laureth-2, laureth-3, laureth-4, laureth-5, laureth-6, laureth-7, laureth-8, laureth-9, laureth-10, laureth-11, laureth-12, laureth-13, laureth-14, laureth-15, laureth-16, laureth-20, laureth-23, laureth-25, laureth-30, laureth-40, deceth-3, deceth-5, oleth-5, oleth-30, steareth-2, steareth-10, steareth-20, steareth-100, cetylsteareth-12, cetareth-5, cetareth-5, polyglyceryl 4-lauryl ether, polyglyceryl 4-oleyl ether, polyglyceryl 2-oleyl ether, polyglyceryl 2-cetyl ether, polyglyceryl 6-cetyl ether, polyglyceryl 6-oleylcetyl ether, polyglyceryl 6-octadecyl

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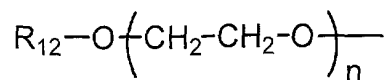
ether, C₉-C₁₁ pareth-3, C₉-C₁₁ pareth-6, C₁₁-C₁₅ pareth-3, C₁₁-C₁₅ pareth-5, C₁₁-C₁₅ pareth-12, C₁₁-C₁₅ pareth-20, C₁₂-C₁₅ pareth-9, C₁₂-C₁₅ pareth-12, and C₂₂-C₂₄ pareth-33.

143. The method according to claim 110, wherein said at least one fatty amide is chosen from fatty amides of formula

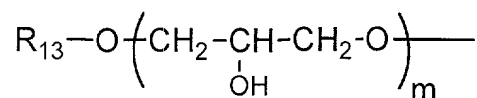


wherein:

- R₉ is chosen from linear alkyl groups comprising at least 4 carbon atoms, branched alkyl groups comprising at least 4 carbon atoms, and cyclic alkyl groups comprising at least 4 carbon atoms, wherein said alkyl groups are optionally substituted; linear alkenyl groups comprising at least 4 carbon atoms, branched alkenyl groups comprising at least 4 carbon atoms, and cyclic alkenyl groups comprising at least 4 carbon atoms, wherein said alkenyl groups are optionally substituted; and alkoxylated alkyl groups of formulae



and



wherein:

- R_{12} and R_{13} , which may be identical or different, are each chosen from linear alkyl groups comprising at least 4 carbon atoms, branched alkyl groups comprising at least 4 carbon atoms, and cyclic alkyl groups comprising at least 4 carbon atoms, wherein said alkyl groups are optionally substituted; and linear alkenyl groups comprising at least 4 carbon atoms, branched alkenyl groups comprising at least 4 carbon atoms, and cyclic alkenyl groups comprising at least 4 carbon atoms, wherein said alkenyl groups are optionally substituted;
- n ranges from 1 to 10; and
- m ranges from 1 to 6; and

- R_{10} and R_{11} , which may be identical or different, are each chosen from H; linear alkyl groups, branched alkyl groups and cyclic alkyl groups, wherein said alkyl groups are optionally substituted; and linear alkenyl groups, branched alkenyl groups and cyclic alkenyl groups, wherein said alkenyl groups are optionally substituted.

144. The method according to claim 143, wherein R_9 is chosen from linear C_8 to C_{22} alkyl groups, branched C_8 to C_{22} alkyl groups and cyclic C_8 to C_{22} alkyl groups, wherein said C_8 to C_{22} alkyl groups are optionally substituted; and linear C_8 to C_{22} alkyl groups, branched C_8 to C_{22} alkyl groups and cyclic C_8 to C_{22} alkenyl groups, wherein said C_8 to C_{22} alkyl groups are optionally substituted.

145. The method according to claim 143, wherein R_{10} and R_{11} are each chosen from linear C_1 to C_{22} alkyl groups, branched C_1 to C_{22} alkyl groups and cyclic C_1 to C_{22} alkyl groups, wherein said C_1 to C_{22} alkyl groups are optionally substituted; and linear C_1 to C_{22} alkenyl groups, branched C_1 to C_{22} alkenyl groups and cyclic C_1 to C_{22} alkenyl groups, wherein said C_1 to C_{22} alkenyl groups are optionally substituted.

146. The method according to claim 143, wherein at least one of said R_{10} and said R_{11} is chosen from linear C_1 to C_{22} alkyl groups, branched C_1 to C_{22} alkyl groups and cyclic C_1 to C_{22} alkyl groups; and linear C_1 to C_{22} alkenyl groups, branched C_1 to C_{22} alkenyl groups and cyclic C_1 to C_{22} alkenyl groups, wherein said alkyl groups and said alkenyl groups are substituted with at least one hydroxyl group.

147. The method according to claim 143, wherein at least one of said R_{10} and said R_{11} is chosen from linear C_1 to C_{22} alkyl groups, branched C_1 to C_{22} alkyl groups and cyclic C_1 to C_{22} alkyl groups; and linear C_1 to C_{22} alkenyl groups,

branched C₁ to C₂₂ alkenyl groups and cyclic C₁ to C₂₂ alkenyl groups, wherein said alkyl groups further comprise at least one ether group in the alkyl chain, and further wherein said alkenyl groups further comprise at least one ether group in the alkenyl chain.

148. The method according to claim 110, wherein said at least one fatty amide is chosen from behenamide, cetyl-PG hydroxyethyl decanamide, cetyl-PG hydroxyethyl palmitamide, cocamide, dibutyl lauroyl glutamide, distearyl phthalic acid amide, lauramide, lauroyl methyl glucamide, myristoyl-PG hydroxyethyl decanamide, oleyl palmitamide, stearamide, tallow amide, trideceth-2 carboxamide monoethanolamine (trideceth-2 carboxamide MEA), trideceth-2 carboxamide diethanolamine (trideceth-2 carboxamide DEA), trideceth-2 carboxamide monoisopropanolamine (trideceth-2 carboxamide MIPA), and polyalkoxylated fatty amides.

149. The method according to claim 148, wherein said polyalkoxylated fatty amides are chosen from polyethoxylated fatty amides and polyglycerylated fatty amides.

150. The method according to claim 110, wherein said at least one cationic homopolymer is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

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151. The method according to claim 150, wherein said at least one cationic homopolymer is present in an amount ranging from 0.1% to 5% by weight relative to the total weight of the composition.

152. The method according to claim 151, wherein said at least one cationic homopolymer is present in an amount ranging from 0.25% to 2.5% by weight relative to the total weight of the composition.

153. The method according to claim 110, wherein said at least one fatty alcohol is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

154. The method according to claim 153, wherein said at least one fatty alcohol is present in an amount ranging from 0.1% to 8% by weight relative to the total weight of the composition.

155. The method according to claim 154, wherein said at least one fatty alcohol is present in an amount ranging from 0.2% to 4% by weight relative to the total weight of the composition.

156. The method according to claim 110, wherein said at least one alkoxylated fatty alcohol is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

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157. The method according to claim 156, wherein said at least one alkoxylated fatty alcohol is present in an amount ranging from 0.1% to 5% by weight relative to the total weight of the composition.

158. The method according to claim 157, wherein said at least one alkoxylated fatty alcohol is present in an amount ranging from 0.2% to 2% by weight relative to the total weight of the composition.

159. The method according to claim 110, wherein said at least one fatty amide is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

160. The method according to claim 159, wherein said at least one fatty amide is present in an amount ranging from 0.1% to 8% by weight relative to the total weight of the composition.

161. The method according to claim 160, wherein said at least one fatty amide is present in an amount ranging from 0.2% to 4% by weight relative to the total weight of the composition.

162. The method according to claim 110, wherein said at least one oxidizing agent is chosen from hydrogen peroxides, bromate salts, percarbonate salts, perborate salts and enzymes.

163. The method according to claim 110, wherein said at least one oxidizing agent is present in an amount ranging from 0.1% to 20.0% by weight relative to the total weight of the composition.

164. The method according to claim 163, wherein said at least one oxidizing agent is present in an amount ranging from 0.5% to 12.0% by weight relative to the total weight of the composition.

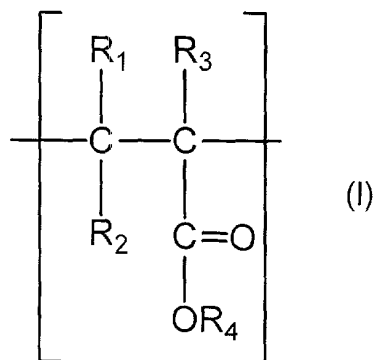
165. The method according to claim 110, wherein said keratinous fibers are chosen from hair, eyelashes, and eyebrows.

166. A multi-compartment kit for treating keratinous fibers, said kit comprising at least two separate compartments, wherein

a first compartment comprises an oxidizing composition, said oxidizing composition comprising:

(a) at least one cationic homopolymer comprising repeating units of formula

(I):



wherein:

- R_1 , R_2 , and R_3 , which may be identical or different, are each chosen from H, alkyl groups, and alkenyl groups; and

- R_4 is chosen from groups comprising at least one quaternary amino group;

(b) at least one fatty alcohol;

(c) at least one alkoxyated fatty alcohol;

(d) at least one fatty amide; and

a second compartment comprising a composition for treating said keratinous fibers.

167. A multi-compartment kit according to claim 166, wherein said composition for treating said keratinous fibers is chosen from a dyeing composition, a bleaching composition, a permanent waving composition, and a relaxing composition.

168. A multi-compartment kit according to claim 166, wherein said keratinous fibers are chosen from hair, eyelashes, and eyebrows.

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